Mar. 6, 1929

MINERAL SURVEY No. 4089

Arizona	! District.
FIELD NOTES	
OF THE SURVEY OF THE MINING CLAIM	OF
Elizabeth L. Wood	
KNOWN AS THE	
TOM CAT Lode	
Old Hat	Mining District,
Pinal County, Arizo	na
ection 19. Unsurveyed , Township 10 S. , R	ange 16 E.
Surveyed under instructions dated December 26	, 19 28
by 11.11.	U. S. Mineral Surveyor.
Claim located See location notice	, 19
Survey commenced January 13	, 19 29
Survey completed January 15	, 19 29
Address of claimant E.T. Cusick, Tucson, Atty. for Claimant	Arizona.
DATES OF AMENDED LOCATIONS.	
See location notice.	

Feet.

MINERAL SURVEY NO. 4089

Tom Cat Lode.

Beginning at Cor. No.1, identical with Loc. Mon. and Cor. Nos. 2 and 3, Sur. No.1837, Dolphin and Apache Girl lodes respectively, claimant herein.

A redwood post 4 ins. sq. showing 2 ft. above ground and surrounded with md of stone, scribed 1 T C- 4087, 2 D, 3.A G - 1837, whence the Cor. to Secs. 17,18,19,20, T. 10 S., R. 16 E. brs. N.22°51'20"E. 2391.2 ft.

U.S.M. M. No.4 brs. N.64°10' 30" E.,1951.85 ft.

Gor. No.3 Cross Town lode, Sur. No. 2555 A, identical with Gor. No.2 Senator lode, Sur. No. 4087 brs.

An oak tree 12 ins. diam. brs. S.51°E., 23.5 ft. Blazed and scribed,
1-4089, 2,3 - 1837 B.T.

No other. bearings. are available.

Thence B. 81°31' W. Va. 13°45'E.

300.0 To N. end center, identical with Loc. Mon. on line 3-4 Sur. No.1837

Apache Girl lode.

An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed N. Cr. T C.

600.0 To Cor. No.2, identical with Loc. Mon. On line 3-4, Sur. No. 1837

Apache Girl lode.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2, T C - 4089, with md of stone alongside. Cor. No.4 Sur. No.1837 Apache Girl lode brs. S.81°31'W., 404.19 ft.

An oak tree 6 ins. diam. brs. N. 8°30'W., 3.4 ft. Blazed and scribed 2-4089 B.T.

No other bearings are available.

Thence S. 32°29'E. Va. 13°45'E.

1494.8 To Cor. No.3, identical with Loc. Hon.

An irop pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 3 T C - 4089, with md of stone alongside.

No bearings are available.

Thence N. 81°31'E. Va. 13°45'E.

300.0

To S. end center, identical with Loc. Mon.

Feet.

MINERAD SURVEY NO. 4089.

TOM CAT Lode- Cont'd.

To S. end center, identical with Loc. Mon.

An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed S. Cr. T C.

600.0

To Cor. No.4, identical with Loc. Mon.

. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 4 T C - 4089, with md of stone alongside.

No. bearings are available.

Thence N. 32°29'W. Va. 13°45'E.

120.0

Gulch brs. easterly .

282.3 To Cor. No.3, Sur. No.1837 Dolphin lode, hereinafter described.

1494.8

To Cor. No.1, the place of beginning.

LODE LINE.

As near as can be determined from the present developments, the vein of the location embraced in this claim extend as follows from its discovery.

800.0 ft. N.32°29'W., and 694.8 ft. S. 32°29'E.

AREA.

Total area Tom Cat lode -----

Acres. 18.810

LOCATION.

This survey is located in the E. 1/2 Sec. 19, Unsurveyed, 17. 105., R. 16 E., in the Coronado National Forest, Old Hat Mining District. Pinal County, Arizona EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in said mining claim by the claimant or her grantors, is not less than five hundred dollars and that said improvements consist of:

No.1 The discovery cut, the face of which being the discovery point on the center line, 800 ft. from the center of line 1-2, 4 1/2 ft. wide, 8 ft. face, ruming N. 32°29'W., 15 ft. to mouth.

Value \$100.0

MINERAL SURVEY NO. 4089. TOM CAT Lode, Cont'd.

EXPENDITURE OF FIVE HUNDRED DOLLARS- Cont'd.

No. 2 A shaft, the center of which brs. from Cor. No. 2, S. 1°30'E.,
920.0 ft. 4 x 6 ft. 8 ft. deep (caved)
Value \$100.0

No.3 A cut, the mouth of which brs. from Cor. No.4, N. 40°30°W., 150.0 ft. 4 1/2 ft. wide, 8 ft. face running North, 15 ft. to face.

Value \$100.0

No.4 A cut, the mouth of which brs. from Cor. No.1, S.8°30'W., 200.0 ft. 4 1/2 ft. wide, 8 ft. face, running N. 80° W., 15 ft. to face.

Value \$100.0

No.5 A cut, the mouth of which brs. from Cor. No.1, S.6°30'W.,

110.0 ft. 4 1/2 ft. wide, 8 ft. face, running West. 15 ft. to face.

Value \$100.0

No.6 A tunnel, the mouth of which brs. from Cor. No.1, S.3 W., 95.0 ft. 4 x 6 ft. running N.40 W., 20 ft. to face.

Value \$200.0

No.7 A tunnel, the mouth of which brs. from Cor. No.1, S.15 w.,

16.0 ft. 4 x 6 ft. running N. 62 w., 30 ft. to point, thence S. 40 w.,

12 ft. to face.

Value \$420.0

INSTRUMENT .

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian, as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

Report.

The lode line of the location of this claim was run directly upon the ground, and the corners were established by running around the claim.

The cor to Secs. 17,18,19 and 20, T.10 S., R. 16 E., consists of a porphyry rock 10 X 12 ins. showing 12 ins. above ground, chiseled with 5 notches on the east and 3 notches on the south.

U.S. M.M. No.4 consists of a pine post 6 ins. sq. by 8 ft. high, surrounded with md of stone, 6 ft. base by 4 ft. high, scribed, "U.S.M.M. No. IV"

MINERAL SURVEY NO. 4089 REPORT - Cont'd.

Sur. No.1837, Dolphin and Apache Girl lodes. All corners consist of redwood posts, properly set and scribed with the number of the corners and the survey.

Line 2-3 Dolphin lode fails to furnish the course and distance as approved (S.32°25'E.,1217.7 ft.)

Line 3-4 Apache Girl lode fails to furnish the course and distance as approved (S.81°35'W.,1017.6 ft.) and both the above are properly given in these field notes.

ADJOINING CLAIMS.

On the North by Sur. No.1837 Apache Girl lode.

On the East by Sur. No.1837 Dolphin lode.

There are no other adjoining or conflicting claims known.

SOLAR OBSERVATION. do not include in copy Direct Solar observation taken Sunday Jan 13 at 3:37 P.M. Solar time Sun bisected. Lat. 32°32'45" - Lon. 110°44'30" Difference in time 11 Hrs.

 $\sin 1/2 A = \sqrt{\sin (S-L)(S-H)}$ Appt declination = 21°30' 49.4" 4' 39.3" Cos. L Cos. H 21°26' 10.1" Dec'1= 900 P= 111°26' 10.1"

L = 32°32'45" h = 18°02'05" (Appt.h - 18°05', Ref.- 2' 55") P =111226'10.1 2) 162°01'00/1 S-81 °00 '30"

S-L = 48°27'45 9.8742045 S-h = 62°58'25" 9.9497789 0.0741923 0.0218793 2)19.9200550 9.9600275- 65°47'30" - 1/2 A

131°35' -180° - 131°35' - S.48°25'W. - Bearing of sun. - Ang. to left from sun. 80°541 S.32°29'E. - Course of line.

Set up at Cor. No.3 Sur. No.1837 Dolphin lode, FS to Cor. No.4 Tom Cat lode of this Sur.

> ---000---OATH OF ASSISTANT.

There being no Notary Public available within long distance I proceeded to administer the necessary oath of my assistant.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

Remon Ronquillo	United States Mineral Surveyor, to assist	st in running, measuring, and marking th	ne lines, corners, and
And showing the respective capacities in which they acted. REMON RONQUILLO	boundaries described in the foregoing fiel	ld notes of the survey of the mining claim	of
Assessment of the mining claim of	Elizabeth	L. Wood	
Axman. FINAL OATHS OF ASSISTANTS. We, .I. Ramon Ronquillo , do solemnly swear that we assisted Tan. Stevens , United States Mineral Surveyor, in marking the corners and surveyin the boundaries of the mining claim of Elizabeth L. Wood mown as the TOM GAT Lode epresented in the foregoing field notes as having been surveyed by said mineral surveyor and under his irrection; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phogenix. Arizona. Axman. Chairman. Chairman. Axman. Subscribed and sworm to by the above-named persons before me this. Axman.			
Remon Ronquillo Chainman. Chainman. Chainman. FINAL OATHS OF ASSISTANTS. We, I. Ramon Ronquillo , do solemnly swear that we assisted			
T.N. Stevens , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of			Chainman
FINAL OATHS OF ASSISTANTS. We,I., Ramon Ronquillo			
FINAL OATHS OF ASSISTANTS. We,I., Ramon Ronquillo			
FINAL OATHS OF ASSISTANTS. We,I., Ramon Ronquillo			, Axman.
We, I, Ramon Ronquillo T.N. Stavens , United States Mineral Surveyor, in marking the corners and surveyin the boundaries of the mining claim of Elizabeth I. Wood mown as the TOM CaT Lode epresented in the foregoing field notes as having been surveyed by said mineral surveyor and under his irection; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona. Chainman. Chainman.			, Flagman.
We, I, Ramon Ronquillo T.N. Stavens , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Elizabeth I. Wood mown as the TOM CaT Lode epresented in the foregoing field notes as having been surveyed by said mineral surveyor and under his irection; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona. Chainman. Chainman.			
T.N. Stevens , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of	FINAL OA'	THS OF ASSISTANTS.	
T.N. Stevens , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of	We, I, Ramon Ronquillo		
T.N. Stayens , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of	mel	do solemnly swear that we assisted	
irection; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona. Chainman. Chainman.			
lirection; and that said survey has been in all respects, to the best of our knowledge and belief, faithfull and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, atPhoenix, Arizona	represented in the foregoing field notes as	s having heen surveyed by said mineral say	wowon and under his
and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, atPhoenix, Arizona			
ions furnished by the Office Cadastral Engineer, at Phoenix, Arizona. Chainman Chainman			
Chainman. Chainman. Chainman. Axman. Subscribed and sworn to by the above-named persons before me this			o law and the instruc-
Subscribed and sworn to by the above-named persons before me this	ions turnished by the Office Cadastral Engi		
Subscribed and sworn to by the above-named persons before me this		doman vonquilla	, Chainman.
Subscribed and sworn to by the above-named persons before me this			, Chainman.
Subscribed and sworn to by the above-named persons before me this			, Axman.
			, Flagman.
	Subscribed and sworm	to by the above-named persons before me tl	nis 14th
J. Old Jenns	(1.1	nary 1929	
Of M. Johnson		1 1112	
		O N. X. COLLIN	
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FINAL OATH OF U.S. MINERAL SURVEYOR

I, T.N. Stevens U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona , dated December, 26, 1928
I have, in strict conformity to the laws of the United States, the official regula-
tions and instructions thereunder, and the instructions of said Office Cadastral
Engineer, faithfully and correctly executed the survey of the Mining Claim of
Elizabeth L. Wood , known as the
TOM CAT Lode
situate in Old Hat Mining District,
Pinal County, Arizona , in Section
19, Uns., Township No. 10 S., Range No. 16 E.
and designated as Survey No. 4089 , as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy
of the location certificate, which was received by me from the Office Cadastral Engi-
neer with said instructions, and that all corners of said survey have been established
and perpetuated in strict accordance with the law, official regulations and instruc-
tions thereunder; and I do further solemnly swear that the foregoing are the true and
orginal field notes of said survey and my report therein, and that the labor expended
and improvements made upon said mining claim by claimant or her
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been in-
cluded in the estimate of expenditures upon any other claim.
11/1/00-20-
U. S. Mineral Surveyor.
Subscribed and sworn to by the said In Stevens
U. S. Mineral Surveyor before me a notakes Quelling
and far the Country of Pinter this 5-th
and far the Country of Pinha this 5th day of March, 1929
my commission Machelle Wess experies Feb. 7, 1932. motany Public
notary Julia

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

		Phoen	ix, Arizor	18,	
			Marc	h 23	, 19_29
I, Office Cadastral	Engineer at Phoen	aix. Ari	zona,		
do hereby certify that	the foregoing transcript of	of the Field	Notes, return a	nd approval o	f the survey
of the mining claim of					
	Elizabe	th L. W	ood		·
known as the	TOM	CAT lod	е		
situate in	018	Hat			
Mining District	Pinal	(County	Arizone	***************************************
in Section 19 Unsur	, Township No. 10) S. , Ra	nge No	16 E.	, and
designated as Survey N	No. 4089 , 1	has been cor	rectly copied fr	om the origin	als on file in
	eld Notes furnish such a				
	nt, serve fully to identify				
	ermanent monuments as				
	at Five Hundred Dollars				
	benefit of, each locati				
	or				
	ments consist of 4 cu				
value \$1120.					
	id labor or improvements				
ipon any other claim.		o mao been n	TOTO TOTO THE POPULATION OF TH	Sumate of ex	rpendrures
	at the plat thereof, filed i	in the II S	Land Office at	Phoenix	
	is correct and in				
	and in	oom or miney	wing one totago	und rieid 140	0 0 8.
				hn D. Ada	
			O.	ffice Cadastra	ı Engmeer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR

PUBLIC SURVEY OFFICE

At	Phoenix, Arizona,
	March 23 , 192 9
I, Office Cadastral Engineer atPhoeni	x, Arizona
do hereby certify that the foregoing and hereto attached	I Field Notes and Return of the Survey of the
Mining Claim of	
Elizabeth L	Wood
	, known as the
TOM CAT 1	ode
situate inOld Hat	mining district,
Pinal County, A	rizona,
in Section 19 Unsurveyed , Township No	10 S. , Range No. 16 E.
, designated as Survey No	4089
executed by	, U. S. Mineral
Surveyor, January 13 = 15	, 19 29 under my instructions dated
	we been critically examined and the necessary
corrections and explanations made, and the said Field No	otes and Return, and the Survey they describe,
are hereby approved. The certified copy of the location	certificate filed by the applicant for survey is
on file in this office and a true copy of said certified co	py of said location certificate is included and
made a part of the transcript of the field notes.	John Dallans
GOVERNMENT PRINTING GEFFICE 6-7181	Office Cadastral Engineer.